

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	230	396/87.ccls. or 396/120.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2011/10/24 03:16
L2	207	L1 and (@ad<="20050818" or @pd<="20050818" or @rlad<="20050818" or @rlpd<="20050818")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2011/10/24 03:16
S1	4961	((396/87,120,349,55,133-135) or (348/208.1,208.3,347,357) or (359/696-698)).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/31 11:12
S2	4198	S1 and (@ad<="20050818" or @pd<="20050818" or @rlad<="20050818" or @rlpd<="20050818")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/12/31 11:13
S3	658	((396/87,120) or (348/347,357)).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/31 11:13
S4	566	S3 and (@ad<="20050818" or @pd<="20050818" or @rlad<="20050818" or @rlpd<="20050818")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/12/31 11:13
S5	16	S4 and (hall adj (sensor or element))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/12/31 11:14
S6	3	S4 and (hall adj (effect))	US-PGPUB;	AND	ON	2009/12/31

			USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			11:31
S7	83	S2 and (hall adj (sensor or element or effect))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/12/31 11:35
S8	54	S2 and ((hall adj (sensor or element or effect)) with (position or location or displacement))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/12/31 11:35
S9	14	S2 and ((hall adj (sensor or element or effect)) with (position or location or displacement) near2 (lens or optic or optical))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/12/31 13:04
S10	23	("3041416" "3199630" "3329833" "3344347" "3473109" "4043642" "4086519" "4086533" "4318038" "4325614" "4361805" "4401944" "4403515" "4740064" "4750821" "4996545").PN. OR ("5432639").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2009/12/31 13:51
S11	10	S4 and ((lens or optic or optical or variator or focus or focussing or focusing or relay) near2 (position or location or displacement)) with (magnet or magneto or "MR" or magnetoresistive or magneto-resistive or magnetic adj flux or magnetic adj density)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/12/31 16:07
S12	78	S2 and ((lens or optic or optical or variator or focus or focussing or focusing or relay) near2 (position or location or displacement)) with (magnet or magneto or "MR" or magnetoresistive or magneto-resistive or magnetic adj flux or magnetic adj density)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/12/31 16:18
S13	68	S12 not S11	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/12/31 16:19
S19	0	"2-130580".pran. and jp.prco.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO;	AND	ON	2009/12/31 16:44

			DERWENT; IBM_TDB			
S21	0	"4-025811".pran. and jp.prco.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/12/31 16:44
S22	2	("20070273364").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/06/22 17:13
S23	5132	((396/87,120,349,55,133-135) or (348/208.1,208.3,347,357) or (359/696-698)).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/06/23 11:09
S24	4225	S23 and (@ad<="20050818" or @pd<="20050818" or @rlad<="20050818" or @rlpd<="20050818")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/06/23 11:09
S25	164	S24 and (((hall near2 (sensor or effect or element)) or (magnet or magnetic or magnetically)) with ((optic or optical) near2 (axis or direction)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/06/23 11:29
S26	14	S24 and (((hall near2 (sensor or effect or element)) with (magnet or magnetic or magnetically)) with ((optic or optical) near2 (axis or direction)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/06/23 11:30
S27	0	S24 and (((megnet\$2 near2 (sensor or sense or detect or detection or detecting or measure or measuring)) with (magnet or magnetic or magnetically)) with ((optic or optical) near2 (axis or direction)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/06/23 11:52
S28	31	S24 and (((magnet\$2 near2 (sensor or sense or detect or detection or detecting or measure or measuring)) with (magnet or magnetic or magnetically)) with ((optic or optical) near2 (axis or direction)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/06/23 11:52
S29	31	S24 and (((magnet\$2 near2 (sensor or sense or detect or detection or detecting or measure or measuring) or	US-PGPUB; USPAT; USOCR;	AND	ON	2010/06/23 11:53

		magnetoresist\$3) with (magnet or magnetic or magnetically)) with ((optic or optical) near2 (axis or direction)))	FPRS; EPO; JPO; DERWENT; IBM_TDB			
S30	8	("20040057710" "6456444" "6529337").PN. OR ("6819500").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2010/06/23 14:32
S31	5136	((396/87,120,349,55,133-135) or (348/208.1,208.3,347,357) or (359/696-698)).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/06/24 11:01
S32	4225	S31 and (@ad<="20050818" or @pd<="20050818" or @rlad<="20050818" or @rlpd<="20050818")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/06/24 11:01
S33	36	("5016993" "5029992" "5140468" "5150260" "5225941" "5587846" "5994819" "6091552" "6114799" "6134057" "6188161" "6194811" "6232700").PN. OR ("6392827").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2010/06/24 12:53
S34	130	((((hall near2 (sensor or effect or element)) and (magnet or magnetic or magnetically)) with ((optic or optical) near2 (axis or direction)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/06/24 13:02
S35	110	(((((hall near2 (sensor or effect or element)) and (magnet or magnetic or magnetically)) with ((optic or optical) near2 (axis or direction)))) same (position or location)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/06/24 13:03
S36	93	(((((hall near2 (sensor or effect or element)) and (magnet or magnetic or magnetically)) with ((optic or optical) near2 (axis or direction)))) with (position or location)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/06/24 13:03
S37	8	(((((hall near2 (sensor or effect or element)) and (magnet or magnetic or magnetically)) with ((optic or optical) near2 (axis or direction)))) with (position or location) near2 lens	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/06/24 13:03
S38	40	S36 and (@ad<="20050818" or @pd<="20050818" or @rlad<="20050818" or @rlpd<="20050818")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/06/24 13:04

S39	3053	359/823-824.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/06/24 13:07
S40	2488	S39 and (@ad<="20050818" or @pd<="20050818" or @rlad<="20050818" or @rlpd<="20050818")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/06/24 13:07
S42	46	S40 and (((hall near2 (effect or sensor or element)) or (magnetoresist\$3 or magneto adj resist\$3 or MR))) with (magnet\$2 or magnetically)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/06/24 13:09
S43	5	("20010026528" "4540905" "5073882" "5541777" "6043572").PN.	US-PGPUB; USPAT; USOCR	AND	ON	2010/06/24 13:17
S44	12	("5138497" "5140471").PN. OR ("5220461").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2010/06/24 14:55
S45	1	("5220461").PN. OR ("7667906").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2010/06/24 15:07
S46	409224	("396" or "359" or "348").clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/07/06 16:05
S47	364162	S46 and (@ad<="20050818" or @pd<="20050818" or @rlad<="20050818" or @rlpd<="20050818")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/07/06 16:05
S48	33568	S47 and (lens or frame) near2 (position or location)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/07/06 16:06
S49	44469	S47 and (lens or frame or optic or optical) near2 (position or location)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/07/06 16:06
S50	819	S47 and ((lens or frame or optic or optical) near2 (position or location))	US-PGPUB; USPAT;	AND	ON	2010/07/06 16:06

		with (magnet or magnetic or hall)	USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			
S51	841	S47 and ((lens or frame or optic or optical) near2 (position or location)) with (magnet or magnetic or hall or MR or magnetoresist\$3 or magneto adj resist\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/07/06 16:07
S52	245	S51 and (multiple or several or two or plural or plurality) near2 (magnet or magnetic or hall or MR or magnetoresist\$3 or magneto adj resist\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/07/06 16:07
S53	149	S52 and (optic or optical) near2 (axis)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/07/06 16:09
S54	93	S47 and ((lens or frame or optic or optical) near2 (position or location)) with (magnet or magnetic or hall) with ((optic or optical) near2 (axis))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/07/06 16:09
S55	35	S54 and (multiple or several or two or plural or plurality) near2 (magnet or magnetic or hall or MR or magnetoresist\$3 or magneto adj resist\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/07/06 16:09
S56	6	((("20070139528") or ("20020106204") or ("20060066174")).PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/07/07 17:15
S57	583	396/55.ccls. and (@ad<="20050818" or @pd<="20050818" or @rlad<="20050818" or @rlpd<="20050818")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/07/15 18:01
S58	51	S57 and (hall or MR or magnetoresist\$3 or magneto adj resist\$3) near2 (sens\$3 or detect\$3 or measur\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/07/15 18:01

S59	6	S57 and ((hall or MR or magnetoresist\$3 or magneto adj resist\$3) near2 (sens\$3 or detect\$3 or measur\$3)) with ((optical or lens or optic) near2 (axis or direction))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/07/15 18:02
S60	12	S57 and ((hall or MR or magnetoresist\$3 or magneto adj resist\$3) near2 (sens\$3 or detect\$3 or measur\$3)) same ((optical or lens or optic) near2 (axis or direction))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/07/15 18:05
S61	6	S60 not S59	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/07/15 18:05
S62	2	("7154682").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/07/16 11:09
S63	3074	(324/207.2,207.21,207.24).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/07/16 13:00
S64	2624	S63 and (@ad<="20050818" or @pd<="20050818" or @rlad<="20050818" or @rlpd<="20050818")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/07/16 13:01
S65	389	S64 and (lens or optic or optical)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/07/16 14:33
S66	97	S64 and (lens or optic or optical) near4 (position or positioning or location or distance)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/07/16 14:33
S67	74	S66 and (hall or MR or magnetoresist\$3 or magneto adj resist\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO;	AND	ON	2010/07/16 14:49

			DERWENT; IBM_TDB			
S68	17	S64 and ((lens or optic or optical) near4 (position or positioning or location or distance)) same (hall or MR or magnetoresist\$3 or magneto adj resist\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/07/16 14:50
S74	57	S67 not S68	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/07/16 15:15
S75	18	S64 and (lens or optic or optical) near2 (axis or direction)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/07/16 15:18
S76	28	("20020167307" "20030117027" "5059783" "5369361" "5477376" "5617023" "5629918" "5945898" "5966066" "6118504" "6188504" "6198856" "6215318" "6246565" "6252395" "6259835" "6356741" "6366186" "6388789" "6404942" "6528887" "6633693" "6714336" "6794965" "6801681" "6819820").PN. OR ("6906511").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2010/07/16 16:10
S77	2	("20070273364").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/07/17 15:17
S78	2	("20070273364").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/03/25 14:28
S79	4	((("5905598") or ("5432639")).PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/03/25 17:39
S80	5664	((396/87,120,349,55,133-135) or (348/208.1,208.3,347,357) or (359/696-698)).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/10/24 00:15

S81	4273	S80 and (@ad<="20050818" or @pd<="20050818" or @rlad<="20050818" or @rlpd<="20050818")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2011/10/24 00:15
S82	742	((396/87,120) or (348/347,357)).CQLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/10/24 00:15
S83	585	S82 and (@ad<="20050818" or @pd<="20050818" or @rlad<="20050818" or @rlpd<="20050818")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2011/10/24 00:15
S84	18	S83 and (hall adj (sensor or element))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2011/10/24 00:15
S85	3	S83 and (hall adj (effect))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2011/10/24 00:15
S86	89	S81 and (hall adj (sensor or element or effect))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2011/10/24 00:15
S87	59	S81 and ((hall adj (sensor or element or effect)) with (position or location or displacement))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2011/10/24 00:15
S88	14	S81 and ((hall adj (sensor or element or effect)) with (position or location or displacement) near2 (lens or optic or optical))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2011/10/24 00:15
S89	23	("3041416" "3199630" "3329833" "3344347" "3473109" "4043642" "4086519" "4086533" "4318038" "4325614" "4361805" "4401944" "4403515" "4740064" "4750821"	US-PGPUB; USPAT; USOCR	AND	ON	2011/10/24 00:15

		"4996545").PN. OR ("5432639").URPN.				
S90	11	S83 and ((lens or optic or optical or variator or focus or focussing or focusing or relay) near2 (position or location or displacement)) with (magnet or magneto or "MR" or magnetoresistive or magneto-resistive or magnetic adj flux or magnetic adj density)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2011/10/24 00:15
S91	80	S81 and ((lens or optic or optical or variator or focus or focussing or focusing or relay) near2 (position or location or displacement)) with (magnet or magneto or "MR" or magnetoresistive or magneto-resistive or magnetic adj flux or magnetic adj density)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2011/10/24 00:15
S92	69	S91 not S90	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2011/10/24 00:15
S93	0	"2-130580".pran. and jp.prco.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2011/10/24 00:15
S94	0	"4-025811".pran. and jp.prco.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2011/10/24 00:15
S95	2	("20070273364").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/10/24 00:15
S96	5664	((396/87,120,349,55,133-135) or (348/208.1,208.3,347,357) or (359/696-698)).OCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/10/24 00:15
S97	4273	S96 and (@ad<="20050818" or @pd<="20050818" or @rlad<="20050818" or @rlpd<="20050818")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2011/10/24 00:15
S98	167	S97 and (((hall near2 (sensor or effect or element)) or (magnet or magnetic or	US-PGPUB; USPAT;	AND	ON	2011/10/24 00:15

		magnetically)) with ((optic or optical near2 (axis or direction)))	USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			
S99	14	S97 and (((hall near2 (sensor or effect or element)) with (magnet or magnetic or magnetically)) with ((optic or optical) near2 (axis or direction)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2011/10/24 00:15
S100	0	S97 and (((megnet\$2 near2 (sensor or sense or detect or detection or detecting or measure or measuring)) with (magnet or magnetic or magnetically)) with ((optic or optical) near2 (axis or direction)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2011/10/24 00:15
S101	31	S97 and (((magnet\$2 near2 (sensor or sense or detect or detection or detecting or measure or measuring)) with (magnet or magnetic or magnetically)) with ((optic or optical) near2 (axis or direction)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2011/10/24 00:15
S102	31	S97 and (((magnet\$2 near2 (sensor or sense or detect or detection or detecting or measure or measuring) or magnetoresist\$3) with (magnet or magnetic or magnetically)) with ((optic or optical) near2 (axis or direction)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2011/10/24 00:15
S103	12	("20040057710" "6456444" "6529337").PN. OR ("6819500").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2011/10/24 00:15
S104	5664	((396/87,120,349,55,133-135) or (348/208.1,208.3,347,357) or (359/696-698)).OCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/10/24 00:15
S105	4273	S104 and (@ad<="20050818" or @pd<="20050818" or @rlad<="20050818" or @rlpd<="20050818")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2011/10/24 00:15
S106	44	("5016993" "5029992" "5140468" "5150260" "5225941" "5587846" "5994819" "6091552" "6114799" "6134057" "6188161" "6194811" "6232700").PN. OR ("6392827").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2011/10/24 00:15
S107	181	(((hall near2 (sensor or effect or element)) and (magnet or magnetic or magnetically)) with ((optic or optical) near2 (axis or direction)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT;	AND	ON	2011/10/24 00:15

			IBM_TDB			
S108	154	(((((hall near2 (sensor or effect or element)) and (magnet or magnetic or magnetically)) with ((optic or optical) near2 (axis or direction)))) same (position or location)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2011/10/24 00:16
S109	129	(((((hall near2 (sensor or effect or element)) and (magnet or magnetic or magnetically)) with ((optic or optical) near2 (axis or direction)))) with (position or location)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2011/10/24 00:16
S110	13	(((((hall near2 (sensor or effect or element)) and (magnet or magnetic or magnetically)) with ((optic or optical) near2 (axis or direction)))) with (position or location) near2 lens	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2011/10/24 00:16
S111	40	S109 and (@ad<="20050818" or @pd<="20050818" or @rlad<="20050818" or @rlpd<="20050818")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2011/10/24 00:16
S112	3398	359/823-824.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2011/10/24 00:16
S113	2500	S112 and (@ad<="20050818" or @pd<="20050818" or @rlad<="20050818" or @rlpd<="20050818")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2011/10/24 00:16
S114	46	S113 and (((hall near2 (effect or sensor or element)) or (magnetoresist\$3 or magneto adj resist\$3 or MR))) with (magnet\$2 or magnetically)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2011/10/24 00:16
S115	5	("20010026528" "4540905" "5073882" "5541777" "6043572").PN.	US-PGPUB; USPAT; USOCR	AND	ON	2011/10/24 00:16
S116	13	("5138497" "5140471").PN. OR ("5220461").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2011/10/24 00:16
S117	2	("5220461").PN. OR ("7667906").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2011/10/24 00:16
S118	435082	("396" or "359" or "348").clas.	US-PGPUB;	AND	ON	2011/10/24

			USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			00:16
S119	367970	S118 and (@ad<="20050818" or @pd<="20050818" or @rlad<="20050818" or @rlpd<="20050818")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2011/10/24 00:16
S120	34109	S119 and (lens or frame) near2 (position or location)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2011/10/24 00:16
S121	45208	S119 and (lens or frame or optic or optical) near2 (position or location)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2011/10/24 00:16
S122	831	S119 and ((lens or frame or optic or optical) near2 (position or location)) with (magnet or magnetic or hall)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2011/10/24 00:16
S123	853	S119 and ((lens or frame or optic or optical) near2 (position or location)) with (magnet or magnetic or hall or MR or magnetoresist\$3 or magneto adj resist\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2011/10/24 00:16
S124	247	S123 and (multiple or several or two or plural or plurality) near2 (magnet or magnetic or hall or MR or magnetoresist\$3 or magneto adj resist\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2011/10/24 00:16
S125	151	S124 and (optic or optical) near2 (axis)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2011/10/24 00:16
S126	94	S119 and ((lens or frame or optic or optical) near2 (position or location)) with (magnet or magnetic or hall) with ((optic or optical) near2 (axis))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT;	AND	ON	2011/10/24 00:16

			IBM_TDB			
S127	35	S126 and (multiple or several or two or plural or plurality) near2 (magnet or magnetic or hall or MR or magnetoresist\$3 or magneto adj resist\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2011/10/24 00:16
S128	6	((("20070139528") or ("20020106204") or ("20060066174")).PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/10/24 00:16
S129	587	396/55.ccls. and (@ad<="20050818" or @pd<="20050818" or @rlad<="20050818" or @rlpd<="20050818")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2011/10/24 00:16
S130	51	S129 and (hall or MR or magnetoresist\$3 or magneto adj resist\$3) near2 (sens\$3 or detect\$3 or measur\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2011/10/24 00:16
S131	6	S129 and ((hall or MR or magnetoresist\$3 or magneto adj resist\$3) near2 (sens\$3 or detect\$3 or measur\$3)) with ((optical or lens or optic) near2 (axis or direction))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2011/10/24 00:16
S132	12	S129 and ((hall or MR or magnetoresist\$3 or magneto adj resist\$3) near2 (sens\$3 or detect\$3 or measur\$3)) same ((optical or lens or optic) near2 (axis or direction))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2011/10/24 00:16
S133	6	S132 not S131	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2011/10/24 00:16
S134	2	("7154682").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/10/24 00:16
S135	3284	(324/207.2,207.21,207.24).CCLS.	US-PGPUB; USPAT; USOCR; FPRS;	OR	OFF	2011/10/24 00:16

			EPO; JPO; DERWENT; IBM_TDB			
S136	2646	S135 and (@ad<="20050818" or @pd<="20050818" or @rlad<="20050818" or @rlpd<="20050818")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2011/10/24 00:16
S137	393	S136 and (lens or optic or optical)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2011/10/24 00:16
S138	98	S136 and (lens or optic or optical) near4 (position or positioning or location or distance)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2011/10/24 00:16
S139	75	S138 and (hall or MR or magnetoresist\$3 or magneto adj resist\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2011/10/24 00:16
S140	17	S136 and ((lens or optic or optical) near4 (position or positioning or location or distance)) same (hall or MR or magnetoresist\$3 or magneto adj resist\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2011/10/24 00:16
S141	58	S139 not S140	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2011/10/24 00:16
S142	18	S136 and (lens or optic or optical) near2 (axis or direction)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2011/10/24 00:16
S143	28	("20020167307" "20030117027" "5059783" "5369361" "5477376" "5617023" "5629918" "5945898" "5966066" "6118504" "6188504" "6198856" "6215318" "6246565" "6252395" "6259835" "6356741" "6366186" "6388789" "6404942" "6528887" "6633693" "6714336" "6794965" "6801681"	US-PGPUB; USPAT; USOCR	AND	ON	2011/10/24 00:16

		"6819820").PN. OR ("6906511").URPN.				
S144	2	("20070273364").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/10/24 00:16
S145	2	("20070273364").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/10/24 00:16
S146	4	((("5905598") or ("5432639")).PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/10/24 00:16
S147	2	("20070154198").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2011/10/24 01:07

EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S148	713	((lens or optic or optical) and (axis or axes) and (barrel or barrell or tube or cylinder) and magnet\$2 and (sens\$3 or detect\$3 or measur\$3)).clm.	US-PGPUB; USPAT; UPAD	AND	ON	2011/10/24 00:56
S149	221	((lens or optic or optical) and (axis or axes) and (barrel or barrell or tube or cylinder) and magnet\$2 and (sens\$3 or detect\$3 or measur\$3) and mount\$3 and (position or location)).clm.	US-PGPUB; USPAT; UPAD	AND	ON	2011/10/24 00:57
S150	132	((lens or optic or optical) and (axis or axes) and (barrel or barrell or tube or cylinder) and magnet\$2 and (force or field) and (sens\$3 or detect\$3 or measur\$3) and mount\$3 and (position or location)).clm.	US-PGPUB; USPAT; UPAD	AND	ON	2011/10/24 00:58
S151	220	(tomoya near2 takei).in. or (toshifumi near2 takoaka).in. or (hideo near2 takagi).in. or (yoshikazu near2 ito).in. or (masanori near2 hayashi).in. or (tomohiro near2 yasui).in. or (hideki naer2 yamaoka).in. or (kentarō near2 tashita).in.	US-PGPUB; USPAT; UPAD	AND	ON	2011/10/24 01:16
S152	19	S151 and ("396" or "359" or "348").clas.	US-PGPUB; USPAT; UPAD	AND	ON	2011/10/24 01:17
S153	0	("2004/0234258").URPN.	USPAT	AND	OFF	2011/10/24 01:30

10/ 24/ 2011 3:28:37 AM

C:\ Users\ badams\ Documents\ EAST\ Workspaces\ All series\ 10-576097 Takei.wsp